

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 1/26/2015

AMS  
mmB

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Instrument Serial Number: 010554 As of 26-Jan-15

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| Start Date | End Date  | Agency Name                 |
|------------|-----------|-----------------------------|
| 22-Jan-15  |           | Lee County Sheriff's Office |
| 06-Jan-15  | 22-Jan-15 | DFS Central Lab             |
| 22-Jul-14  | 06-Jan-15 | Caroline County SO          |
| 10-Jul-14  | 22-Jul-14 | DFS Central Lab             |
| 06-Mar-09  | 10-Jul-14 | Smithfield PD               |
| 23-Jun-08  | 06-Mar-09 | DFS Central Lab             |

Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/22/2014 To 1/22/2015

LMS  
mmb

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Instrument Serial Number: 010554 As of 26-Jan-15

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| Maintenance | Certification | Technician  |                               |
|-------------|---------------|-------------|-------------------------------|
| Date        | Date          | Initials    | Remarks                       |
| 22-Jan-15   | 12-Jan-15     | HMS (18910) | REPLACED UPS BACK-UP BATTERY. |
| 12-Jan-15   | 12-Jan-15     | HMS (18910) | CERTIFIED                     |
| 14-Jul-14   | 14-Jul-14     | DBH (21250) | CERTIFIED.                    |
| 11-Apr-14   | 27-Jan-14     | HMS (18910) | REPLACED DRY GAS STANDARD.    |
| 27-Jan-14   | 27-Jan-14     | DBH (21250) | CERTIFIED.                    |

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# INTOX EC/IR II

## Quality Assurance Worksheet

Instrument Serial Number 010554 Worksheet Start Date 1/22/2015

Location Lee County

Address 33640 Main St., Jonesville, VA 24263

DFS Technician Heather Stanton License No. 18910

☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 728 Reference Barometer (mm HG) 730

Reference Barometer(RB)Serial # 009113 RB Calibration Due 4/28/2015

### Measurement Assurance Check

| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 | Sample 2 | Sample 3 |
|----------------------|-----------|------------|------------|----------|----------|----------|
| 0.300                | 0.287     | 0.278      | 0.295      | 0.294    | 0.293    | 0.292    |
| Precision            |           | sample min | sample max |          |          |          |
| 0.002                |           | 0.292      | 0.294      |          |          |          |

| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 | Sample 2 | Sample 3 |
|----------------------|-----------|------------|------------|----------|----------|----------|
| 0.100                | 0.096     | 0.093      | 0.099      | 0.096    | 0.095    | 0.095    |
| Precision            |           | sample min | sample max |          |          |          |
| 0.001                |           | 0.095      | 0.096      |          |          |          |

Dry gas standard Lot No. (with tank no.) AG400202-31

☐ Replaced dry gas standard (+O-ring)

☒ Installed at Location

☐ Removed to DFS-Central

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:

|    |
|----|
| 50 |
| 50 |

### Notes:

Replaced UPS back-up battery.

Instrument Serial Number

010554

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.250                |           | 0.000      | 0.000      | Sample 2 |
| Precision            |           | sample min | sample max | Sample 3 |
| 0                    |           | 0.000      | 0.000      |          |

| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.150                |           | 0.000      | 0.000      | Sample 2 |
| Precision            |           | sample min | sample max | Sample 3 |
| 0                    |           | 0.000      | 0.000      |          |

| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.080                |           | -0.003     | 0.003      | Sample 2 |
| Precision            |           | sample min | sample max | Sample 3 |
| 0                    |           | 0.000      | 0.000      |          |

| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.020                |           | -0.003     | 0.003      | Sample 2 |
| Precision            |           | sample min | sample max | Sample 3 |
| 0                    |           | 0.000      | 0.000      |          |

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Hector M. Soto

Date

1/26/15

Issuing Analyst

Michelle Bullock

Date

1/27/15JPD

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**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010554      Test Number: 1050

Test Date: 01/22/2015      Test Time: 10:20 EST

Dry Gas Target: 0.287

Lot Number: AG428003-09      Exp Date: 10/07/2016

Tank Pressure: 272 psi      Barometric Pressure: 728 mmHg

System Check: *Passed*

| Test | g/210L | Time  |
|------|--------|-------|
| BLK  | 0.000  | 10:21 |
| CHK  | 0.294  | 10:21 |
| BLK  | 0.000  | 10:23 |
| CHK  | 0.293  | 10:24 |
| BLK  | 0.000  | 10:26 |
| CHK  | 0.292  | 10:27 |

Test Status: *Success*

Calibration CRC: 91E4234E

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**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010554      Test Number: 1051

Test Date: 01/22/2015      Test Time: 10:30 EST

Dry Gas Target: 0.096

Lot Number: AG400202-31      Exp Date: 01/02/2016

Tank Pressure: 894 psi      Barometric Pressure: 728 mmHg

System Check: *Passed*

| Test | g/210L | Time  |
|------|--------|-------|
| BLK  | 0.000  | 10:30 |
| CHK  | 0.096  | 10:31 |
| BLK  | 0.000  | 10:33 |
| CHK  | 0.095  | 10:34 |
| BLK  | 0.000  | 10:35 |
| CHK  | 0.095  | 10:36 |

Test Status: *Success*

Calibration CRC: 91E4234E

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COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

|   |                             |
|---|-----------------------------|
| NAME OF ACCUSED<br><b>INSTRUMENT, TEST,</b> | NAME OF COURT<br><b>DFS</b> |
|---|-----------------------------|

BREATH ANALYSIS

|   |                                      |   |
|---|--------------------------------------|---|
| SAMPLE EXAMINED AND TEST CONDUCTED BY<br><b>STANTON, HEATHER, M</b> |                                      | AGENCY<br><b>DFS Central Lab</b>  |
| DFS LICENSE NUMBER<br><b>18910</b>                                  | LICENSE EXPIRES<br><b>10/01/2016</b> | DATE TEST CONDUCTED<br><b>01/22/2015</b>  |
| TEST EQUIPMENT NUMBER<br><b>010554</b>                              |                                      |  |

RESULTS: TIME SAMPLE TAKEN 10:43 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

|                      |
|----------------------|
| BREATH TEST OPERATOR |
|----------------------|

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_ OPERATOR'S SIGNATURE



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mmb

Test Results

Instrument Serial Number 010554

Test # 001052 Subject Test

Test Location 1 Department of  
Test Date 22 Jan 2015

Test Location 2 Forensic Science  
Test Time 10:37  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name STANTON  
Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial M

Card Serial Number 118910

License Number 18910

Effective Date 10/01/2014

Expiration Date 10/01/2016

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 22 Jan 2015 End Time 10:44

Result Time 10:43

Result Date 22 Jan 2015 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 10:37

Data Type BLK

Sample Value 0.000

Sample Time 10:38

Data Type CHK

Sample Value 0.095

Sample Time 10:39

Data Type BLK

Sample Value 0.000

Sample Time 10:40

Data Type SUBJ

Sample Value 0.000

Sample Time 10:41

Data Type BLK

Sample Value 0.000

Sample Time 10:42

Data Type SUBJ

Sample Value 0.000

Sample Time 10:43

Data Type BLK

Sample Value 0.000

Sample Time 10:44

Standard Type Dry Gas Std

Standard Value 0.096

Standard Lot Number AG400202-31

Standard Expiration Date 01/02/2016

Tank Pressure 884

Barometric Pressure 728 mmHg

Blow Sample Number 1 Blow Duration 3.43 sec

Blow Volume 1884 cc End-of-Blow Time 10:41

Blow Sample Number 2 Blow Duration 3.45 sec

Blow Volume 1838 cc End-of-Blow Time 10:43

Tamper Evident Stamp f983ca44

Test Status Code 0

Test Status Success